LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142491.D
Acq On : 21 May 2025 17:10
Operator : RC/JU
Sample : Q2080-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-HRH-COMP-01

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142491.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.110	487	496	504	rBV	114263	163783	12.23%	1.010%
2	5.510	558	564	569	rBV	954226	1216370	90.85%	7.500%
3	6.516	729	735	749	rBV	989966	1291068	96.43%	7.961%
4	6.898	795	800	805	rBV	450731	544147	40.64%	3.355%
5	7.016	815	820	826	rVB	38009	48051	3.59%	0.296%
6	7.457	889	895	900	rBV	669346	838188	62.60%	5.168%
7	7.710	934	938	946	rVB	18722	24120	1.80%	0.149%
8	8.181	1013	1018	1027	rBV	564063	700398	52.31%	4.319%
9	9.257	1195	1201	1206	rBV	1085607	1338878	100.00%	8.256%
10	9.445	1229	1233	1236	rVB	25019	29250	2.18%	0.180%
11	9.516	1236	1245	1250	rBV5	40429	72101	5.39%	0.445%
12	9.575	1250	1255	1263	rVB2	215167	395666	29.55%	2.440%
13	9.645	1263	1267	1271	rBV	15456	24259	1.81%	0.150%
14	9.692	1271	1275	1280	rVB	75875	101287	7.57%	0.625%
15	9.757	1280	1286	1289	rBV5	15304	22603	1.69%	0.139%
16	9.839	1294	1300	1303	rVV4	12122	24365	1.82%	0.150%
17	9.875	1303	1306	1309	rVV4	19855	25092	1.87%	0.155%
18	9.939	1309	1317	1328	rVB	573347	763162	57.00%	4.706%
19	10.063	1333	1338	1343	rVB2	38770	50839	3.80%	0.313%
20	10.180	1354	1358	1361	rBV	19129	23388	1.75%	0.144%
21	10.216	1361	1364	1370	rVB2	16605	20242	1.51%	0.125%
22	10.610	1427	1431	1435	rVV	208907	276516	20.65%	1.705%
23	10.651	1435	1438	1442	rVV	110768	134667	10.06%	0.830%
24	10.722	1445	1450	1459	rVV	555418	706391	52.76%	4.356%
25	10.851	1468	1472	1481	rVB6	7078	16392	1.22%	0.101%
26	11.080	1507	1511	1522	rVB4	8852	15704	1.17%	0.097%
27	11.421	1564	1569	1576	rBV	415646	593418	44.32%	3.659%
28	11.874	1641	1646	1649	rBV3	14325	25271	1.89%	0.156%
29	11.945	1649	1658	1680	rVB	367685	714483	53.36%	4.406%
30	12.216	1700	1704	1712	rVB8	6362	18633	1.39%	0.115%
31	12.521	1752	1756	1759	rBV2	16211	24202	1.81%	0.149%
32	12.568	1759	1764	1772	rVB	43931	92092	6.88%	0.568%
33	12.639	1772	1776	1779	rBV	34151	55577	4.15%	0.343%
34	12.668	1779	1781	1786	rVV4	33199	51097	3.82%	0.315%
35	12.733	1786	1792	1807	rVV	340955	599048	44.74%	3.694%
36	12.868	1811	1815	1819	rVB	24638	35286	2.64%	0.218%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142491.D
Acq On : 21 May 2025 17:10
Operator : RC/JU
Sample : Q2080-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-HRH-COMP-01

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.010	1834	1839	1846	rVB	667612	839200	62.68%	5.175%
38	13.304	1883	1889	1900	rVB3	77394	199759	14.92%	1.232%
39	13.445	1908	1913	1916	rBV	338095	471531	35.22%	2.907%
40	13.474	1916	1918	1928	rVV	140964	202723	15.14%	1.250%
41	13.580	1932	1936	1951	rVB8	30251	65177	4.87%	0.402%
42	13.798	1968	1973	1983	rBV8	41581	91711	6.85%	0.565%
43	13.904	1984	1991	2004	rVV3	104119	301736	22.54%	1.861%
44	13.998	2004	2007	2011	rVB5	14139	17112	1.28%	0.106%
45	14.068	2013	2019	2027	rVV	370815	527551	39.40%	3.253%
46	14.210	2039	2043	2051	rBV3	49096	84096	6.28%	0.519%
47	14.398	2069	2075	2081	rVB	84802	143434	10.71%	0.884%
48	14.462	2082	2086	2088	rBV2	28449	38574	2.88%	0.238%
49	14.498	2088	2092	2096	rVV	97016	138691	10.36%	0.855%
50	14.533	2096	2098	2107	rVB2	21400	35144	2.62%	0.217%
51	14.698	2122	2126	2135	rVB2	27260	45824	3.42%	0.283%
52	14.857	2144	2153	2161	rBV2	105434	260078	19.43%	1.604%
53	14.927	2162	2165	2172	rVV	16827	35402	2.64%	0.218%
54	14.998	2173	2177	2184	rVB	42403	60830	4.54%	0.375%
55	15.121	2195	2198	2206	rVB	11688	21963	1.64%	0.135%
56	15.198	2207	2211	2213	rBV	24559	35906	2.68%	0.221%
57	15.227	2213	2216	2230	rVB3	38359	83389	6.23%	0.514%
58	15.357	2232	2238	2244	rBV	60812	138127	10.32%	0.852%
59	15.562	2266	2273	2285	rVB	358580	608112	45.42%	3.750%
60	15.939	2331	2337	2347	rVB	54632	116853	8.73%	0.721%
61	16.045	2350	2355	2360	rVB	34801	58892	4.40%	0.363%
62	16.603	2445	2450	2460	rVB	40040	89810	6.71%	0.554%
63	17.056	2522	2527	2542	rVB6	37925	106918	7.99%	0.659%
64	17.180	2544	2548	2555	rVB	19979	42438	3.17%	0.262%
65	17.374	2576	2581	2588	rVB2	24390	56789	4.24%	0.350%
66	17.680	2627	2633	2643	rBV7	38927	113492	8.48%	0.700%
67	17.909	2667	2672	2677	rBV3	18283	39029	2.92%	0.241%
68	18.750	2808	2815	2829	rVB3	19638	71646	5.35%	0.442%

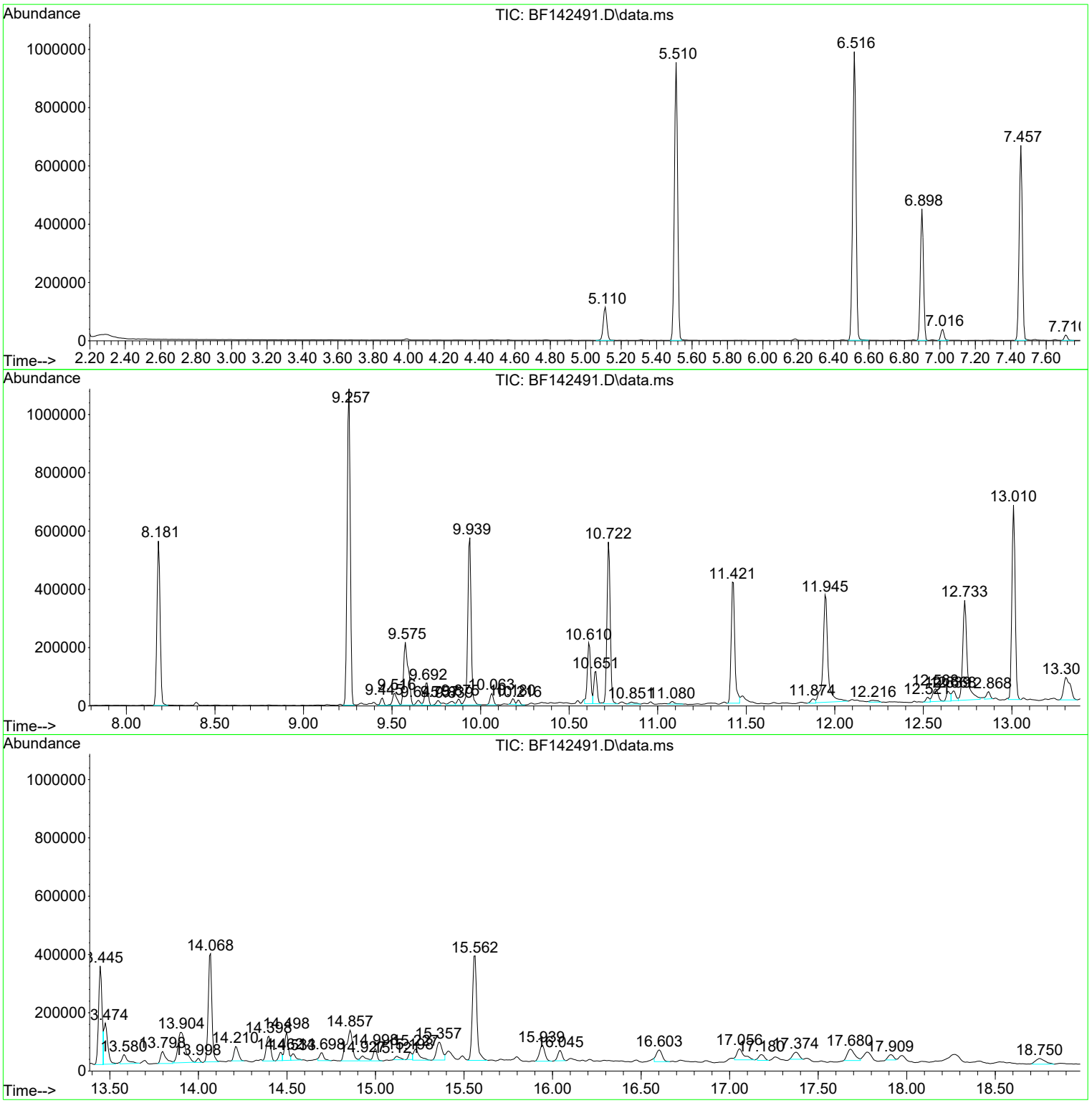
Sum of corrected areas: 16217971

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142491.D
Acq On : 21 May 2025 17:10
Operator : RC/JU
Sample : Q2080-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-HRH-COMP-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142491.D
Acq On : 21 May 2025 17:10
Operator : RC/JU
Sample : Q2080-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-HRH-COMP-01

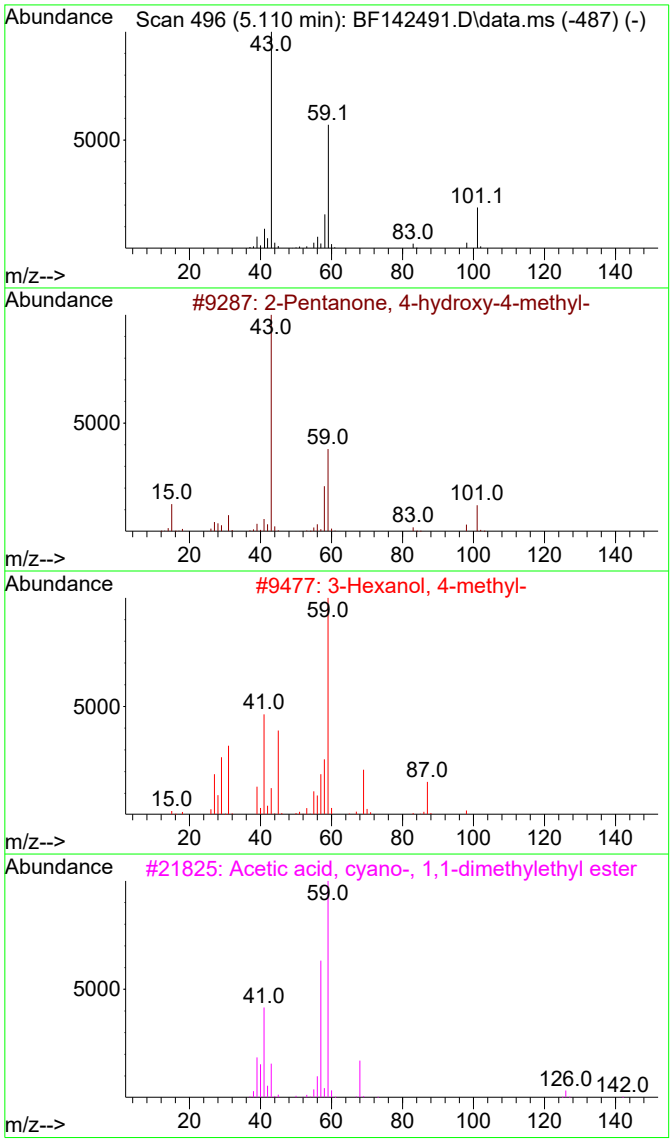
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

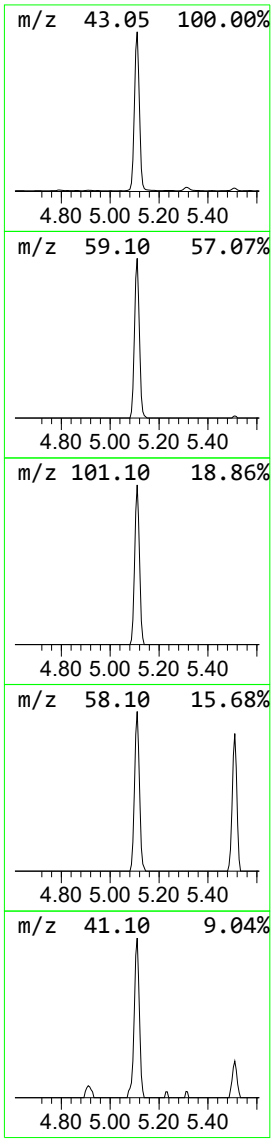
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.110	6.02 ng	163783	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	Butane	58	C4H10	000106-97-8	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142491.D
Acq On : 21 May 2025 17:10
Operator : RC/JU
Sample : Q2080-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-HRH-COMP-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

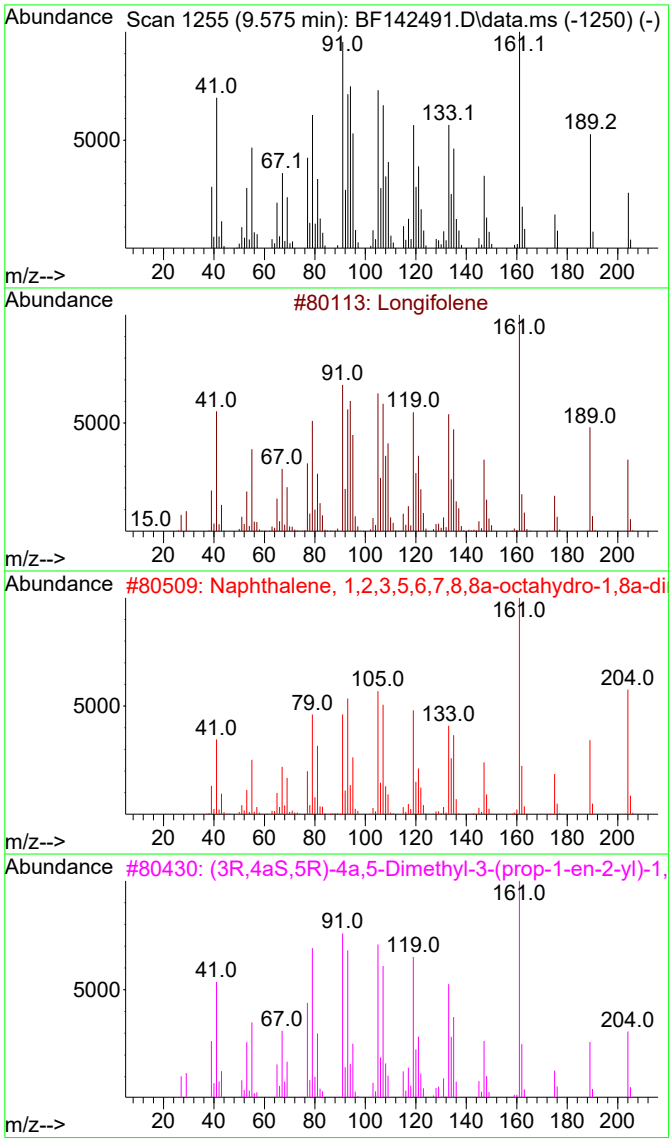
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

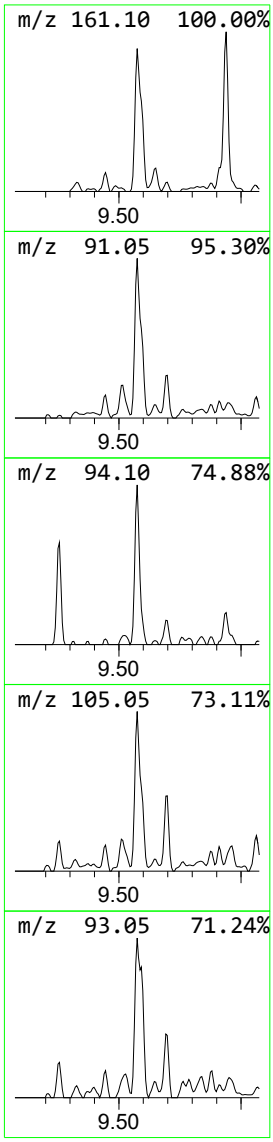
****

Peak Number 2 Longifolene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.575	10.37 ng	395666	Acenaphthene-d10	9.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Longifolene	204	C15H24	000475-20-7	99
2	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	96
3	(3R,4aS,5R)-4a,5-Dimethyl-3-(pro...	204	C15H24	024741-64-8	95
4	Aromandendrene	204	C15H24	000489-39-4	86
5	(4R,4aS,6S)-4,4a-Dimethyl-6-(pro...	204	C15H24	823810-22-6	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142491.D
Acq On : 21 May 2025 17:10
Operator : RC/JU
Sample : Q2080-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-HRH-COMP-01

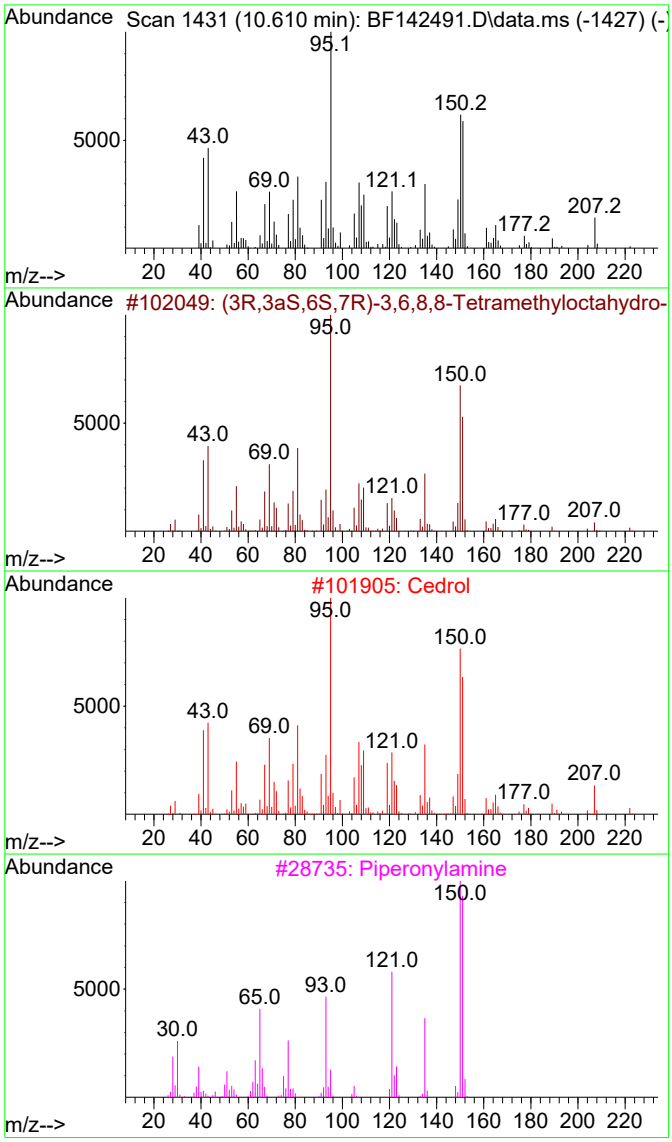
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

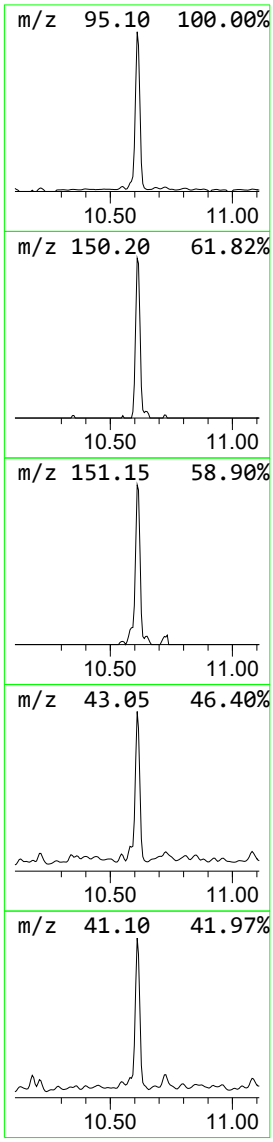
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (3R,3aS,6S,7R)-3,6,8,8-Tetr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.610	7.25 ng	276516	Acenaphthene-d10	9.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(3R,3aS,6S,7R)-3,6,8,8-Tetrameth...	222	C15H26O	019903-73-2	93
2	Cedrol	222	C15H26O	000077-53-2	91
3	Piperonylamine	151	C8H9NO2	002620-50-0	38
4	2-Amino-3H,5H,6H,7H-cyclopenta[d...	151	C7H9N3O	033081-06-0	30
5	Benzenaminium, 3-hydroxy-N,N,N-t...	151	C9H13NO	031061-59-3	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142491.D
Acq On : 21 May 2025 17:10
Operator : RC/JU
Sample : Q2080-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-HRH-COMP-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

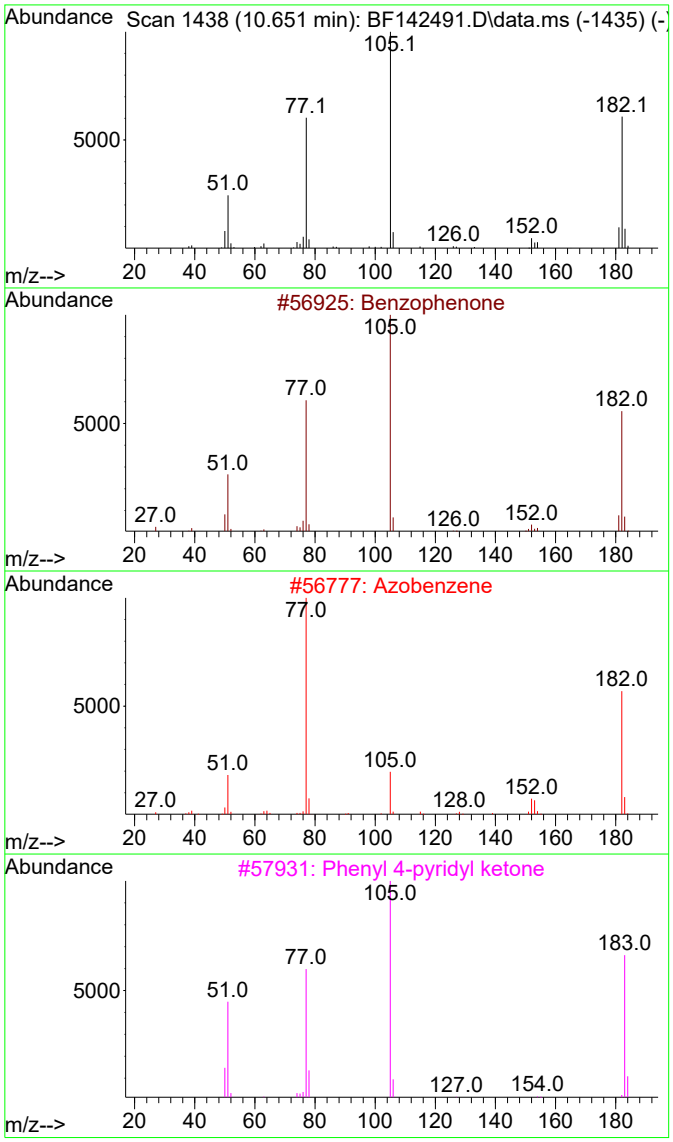
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

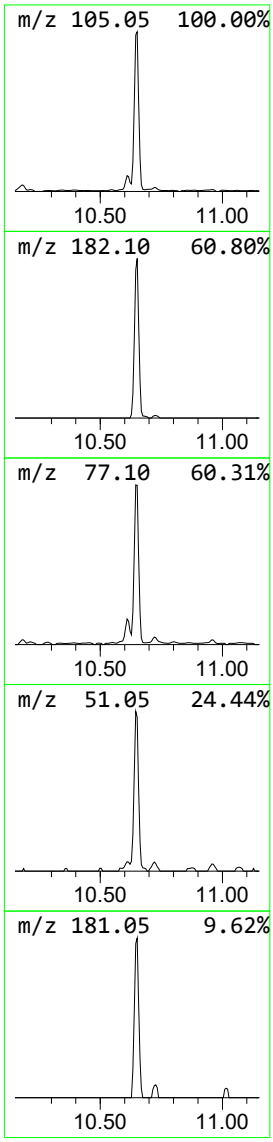
****

Peak Number 4 Benzophenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.651	3.53 ng	134667	Acenaphthene-d10	9.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Azobenzene	182	C12H10N2	000103-33-3	59
3	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	50
4	N-(1-Cyanovinyl)benzamide	172	C10H8N2O	1000186-19-1	43
5	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142491.D
Acq On : 21 May 2025 17:10
Operator : RC/JU
Sample : Q2080-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-HRH-COMP-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

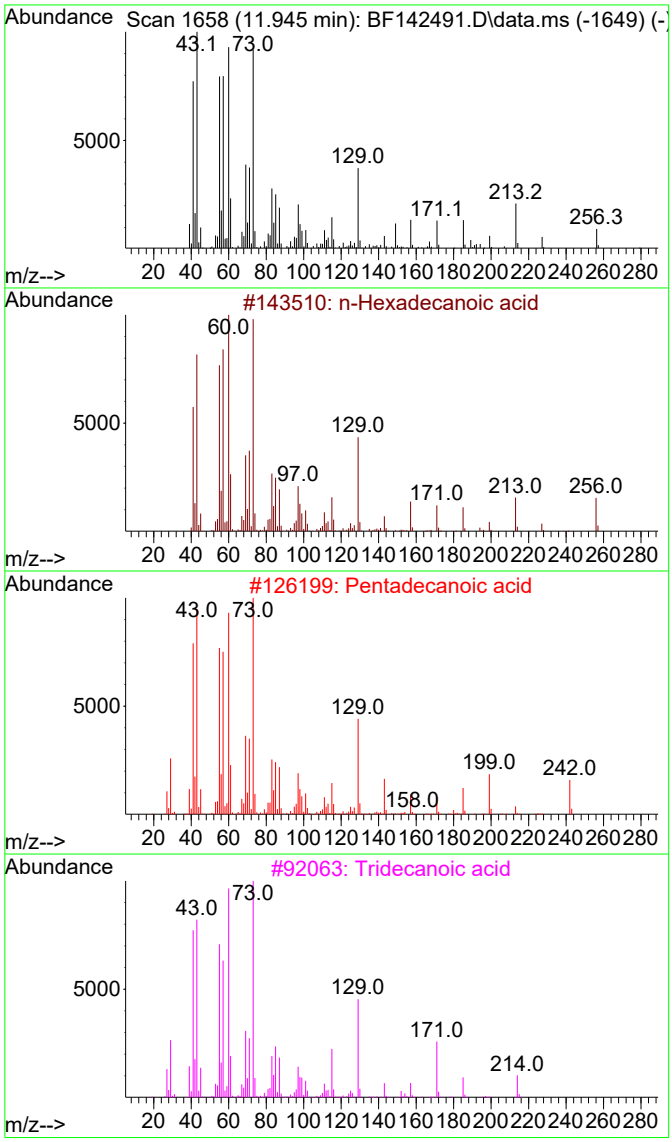
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

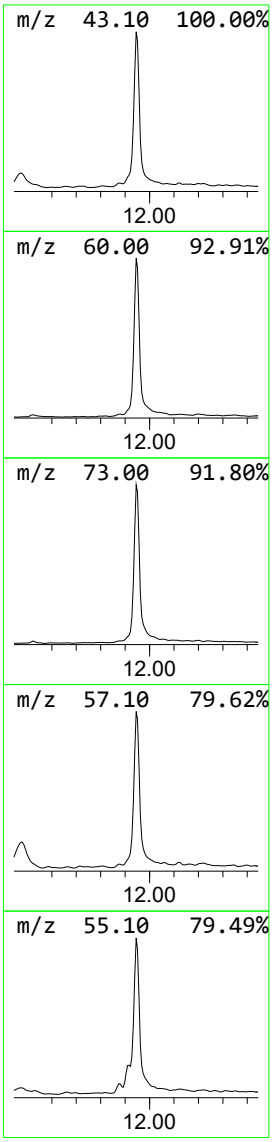
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	24.08 ng	714483	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142491.D
Acq On : 21 May 2025 17:10
Operator : RC/JU
Sample : Q2080-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-HRH-COMP-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

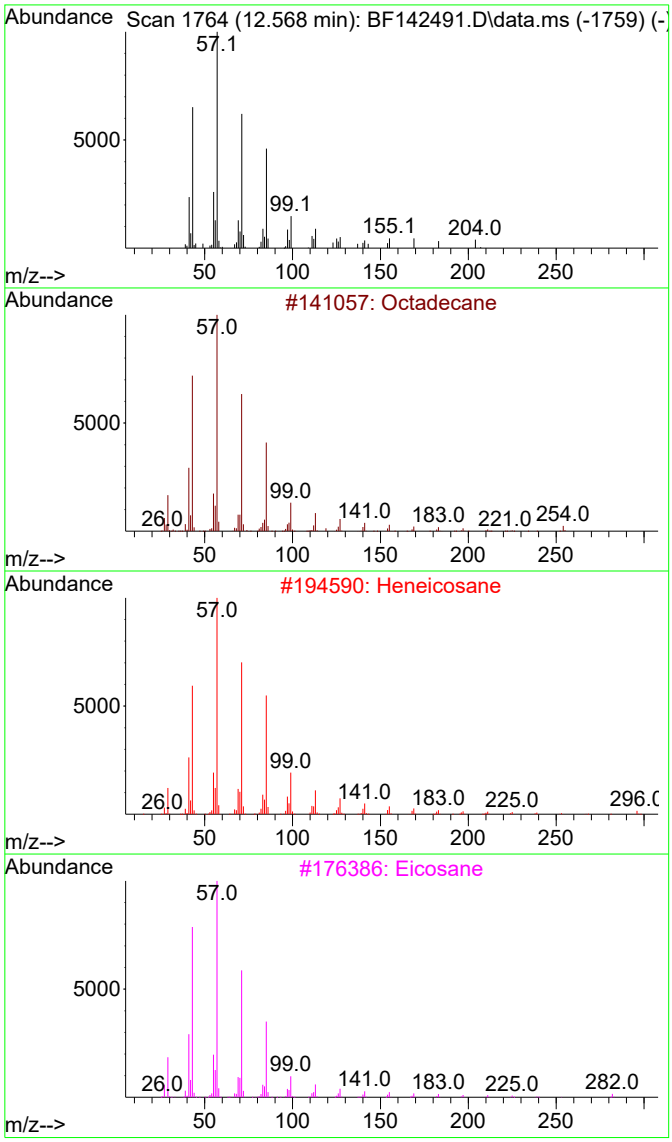
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

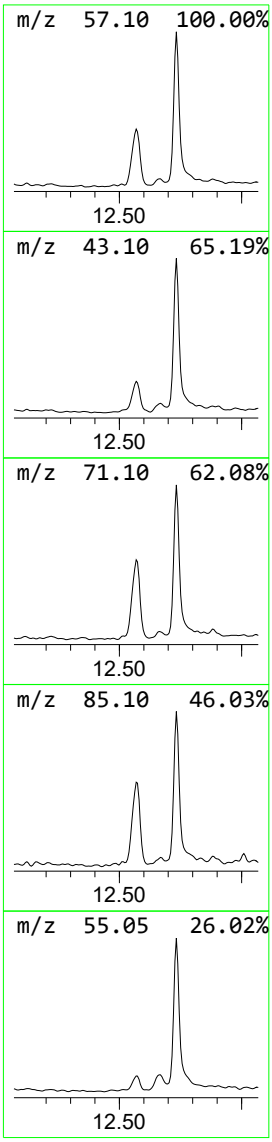
****

Peak Number 6 Octadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.569	3.10 ng	92092	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Eicosane	282	C20H42	000112-95-8	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Docosane	310	C22H46	000629-97-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142491.D
Acq On : 21 May 2025 17:10
Operator : RC/JU
Sample : Q2080-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-HRH-COMP-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

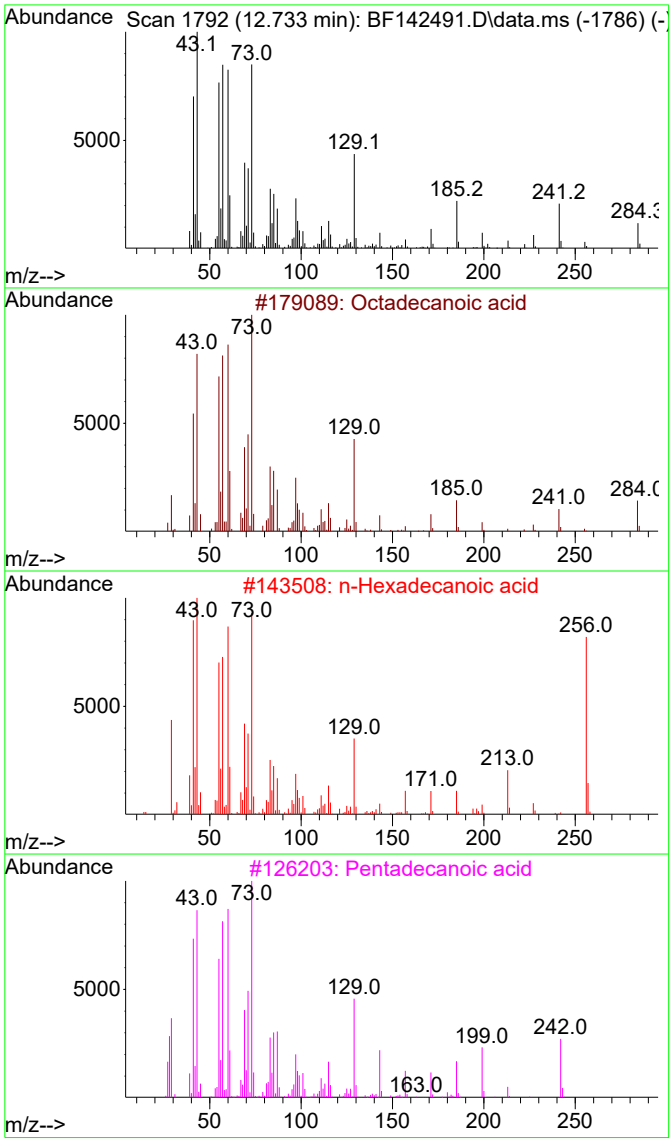
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

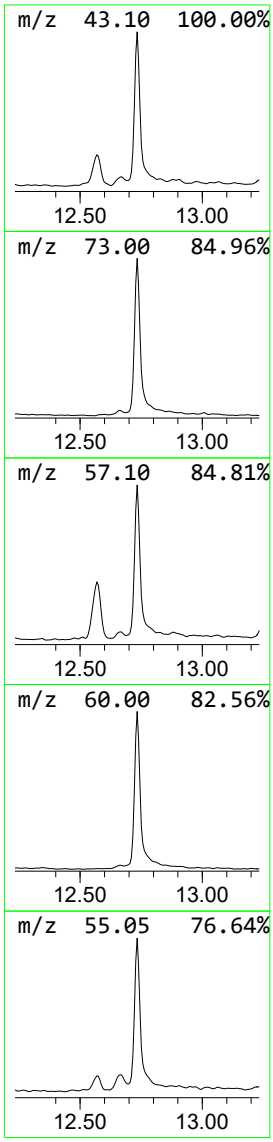
****

Peak Number 7 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.733	20.19 ng	599048	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142491.D
Acq On : 21 May 2025 17:10
Operator : RC/JU
Sample : Q2080-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-HRH-COMP-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

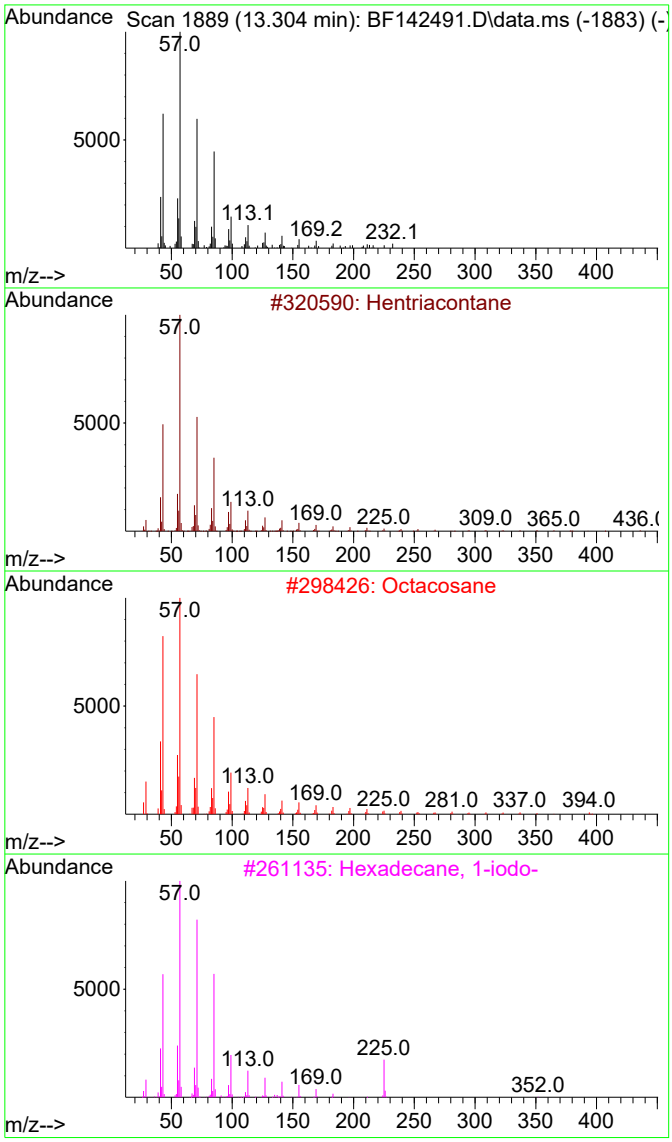
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

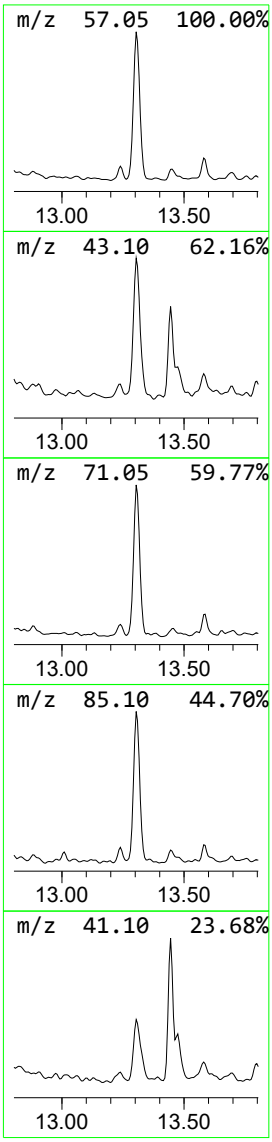
****

Peak Number 8 Hentriacontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.304	7.57 ng	199759	Chrysene-d12	14.068

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	91
4	Octadecane	254	C18H38	000593-45-3	91
5	Pentadecane, 7-(bromomethyl)-	304	C16H33Br	052997-43-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142491.D
Acq On : 21 May 2025 17:10
Operator : RC/JU
Sample : Q2080-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-HRH-COMP-01

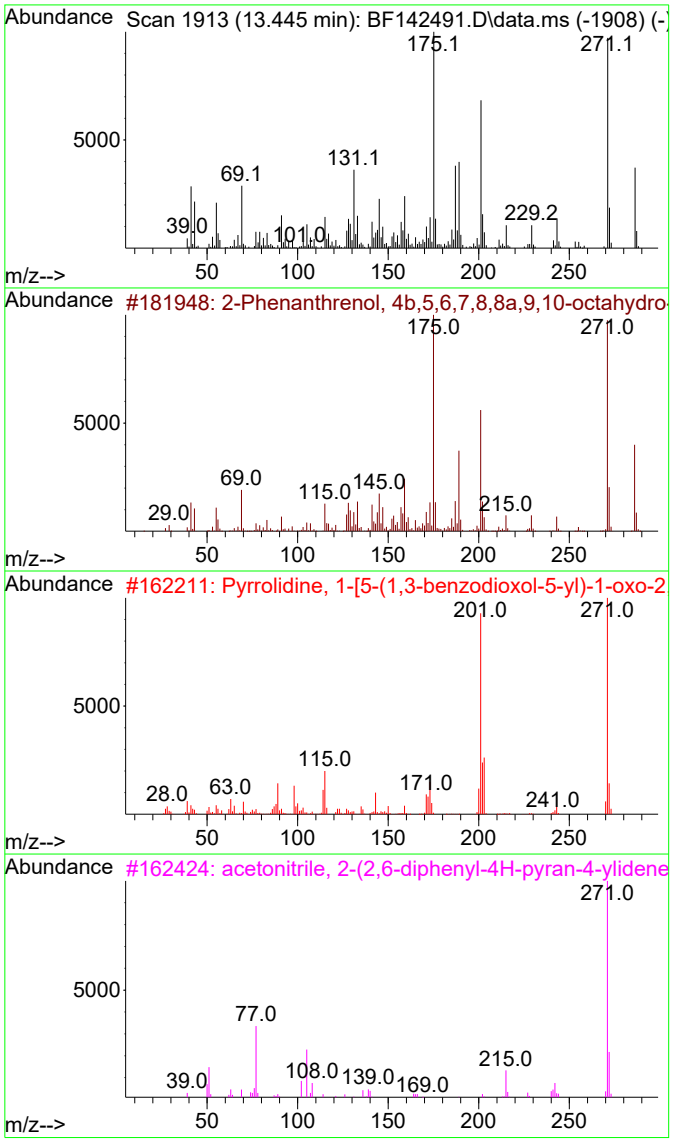
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

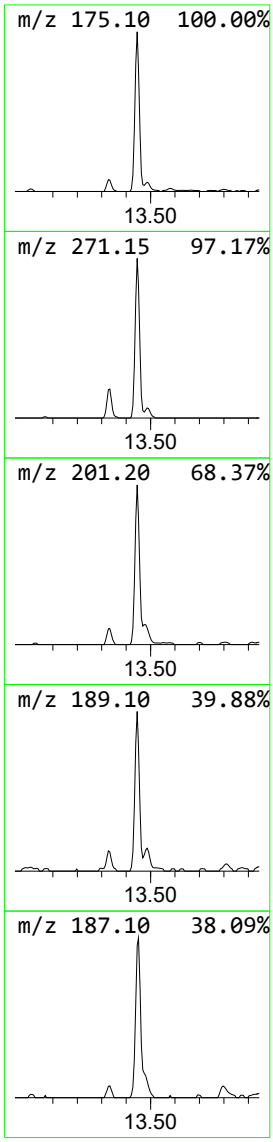
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.445	17.88 ng	471531	Chrysene-d12	14.068

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	99
2	Pyrrolidine, 1-[5-(1,3-benzodiox...	271	C16H17NO3	025924-78-1	30
3	acetonitrile, 2-(2,6-diphenyl-4H...	271	C19H13NO	1010397-00-1	25
4	Crinan-3-ol, 1,2-didehydro-, (3....	271	C16H17NO3	000510-67-8	22
5	1H-Indole-2,3-dione, 1-methyl-, ...	175	C9H9N3O	003265-23-4	15





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142491.D
Acq On : 21 May 2025 17:10
Operator : RC/JU
Sample : Q2080-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-HRH-COMP-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

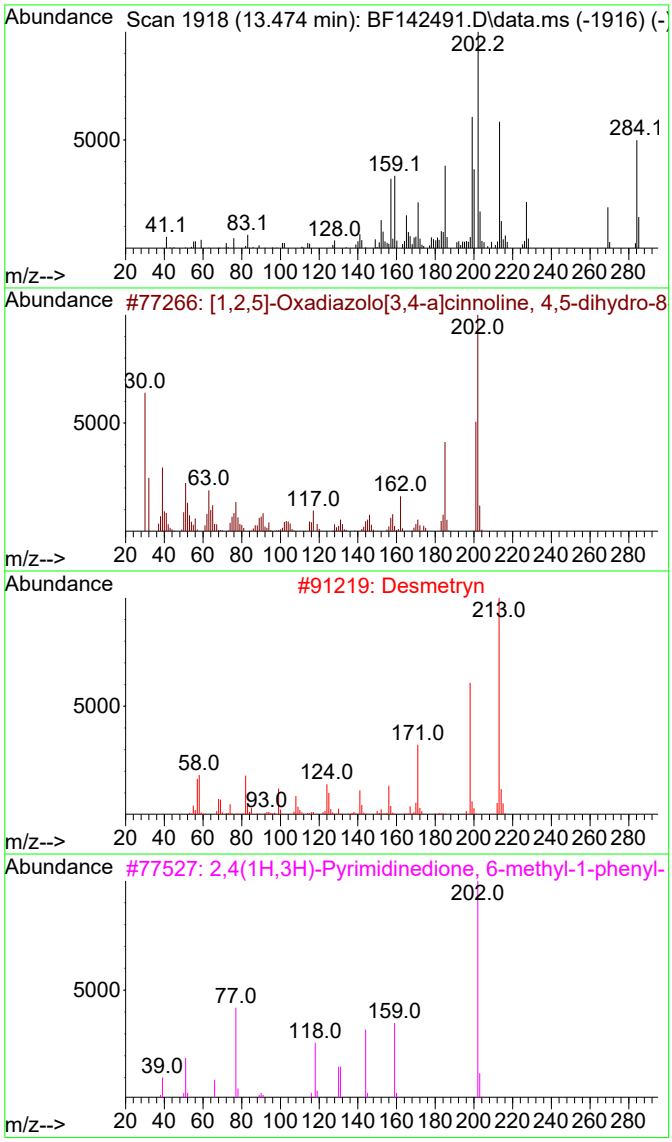
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

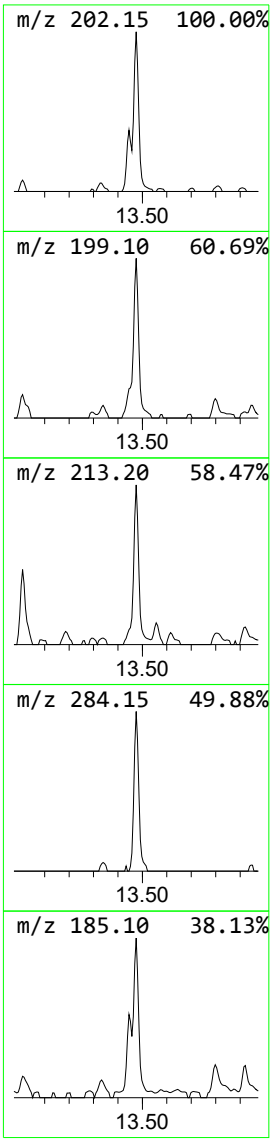
****

Peak Number 10 unknown13.474 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.474	7.69 ng	202723	Chrysene-d12	14.068

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,2,5]-Oxadiazolo[3,4-a]cinnoli...	202	C10H10N4O	1000260-59-4	25
2	Desmetryn	213	C8H15N5S	001014-69-3	15
3	2,4(1H,3H)-Pyrimidinedione, 6-me...	202	C11H10N2O2	001015-64-1	14
4	s-Indacene, 1,2,3,5,6,7-hexahydr...	214	C16H22	055030-60-9	11
5	4-Hydroxy-6-(trifluoromethyl)qui...	213	C10H6F3NO	049713-51-1	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142491.D
Acq On : 21 May 2025 17:10
Operator : RC/JU
Sample : Q2080-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-HRH-COMP-01

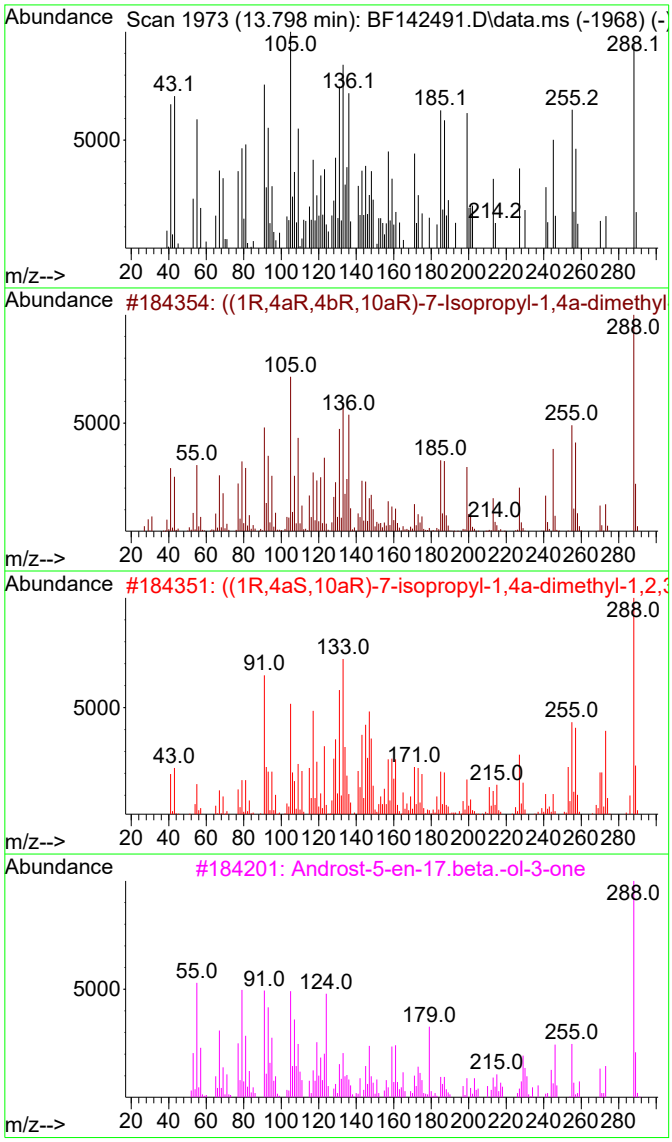
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

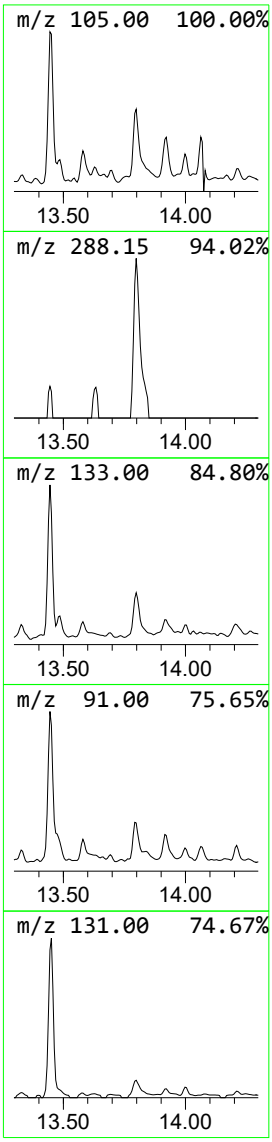
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 ((1R,4aR,4bR,10aR)-7-Isopro... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.798	3.48 ng	91711	Chrysene-d12	14.068

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	((1R,4aR,4bR,10aR)-7-Isopropyl-1...	288	C20H32O	000666-84-2	99
2	((1R,4aS,10aR)-7-isopropyl-1,4a-...	288	C20H32O	1000439-86-6	59
3	Androst-5-en-17.beta.-ol-3-one	288	C19H28O2	000571-25-5	43
4	3-Hydroxy-10,13-dimethyl-1,2,3,6...	288	C19H28O2	1000496-48-2	41
5	8-Amino-3,4-dimethyl-6-(morpholi...	288	C14H16N4O3	1010388-27-1	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142491.D
Acq On : 21 May 2025 17:10
Operator : RC/JU
Sample : Q2080-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-HRH-COMP-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

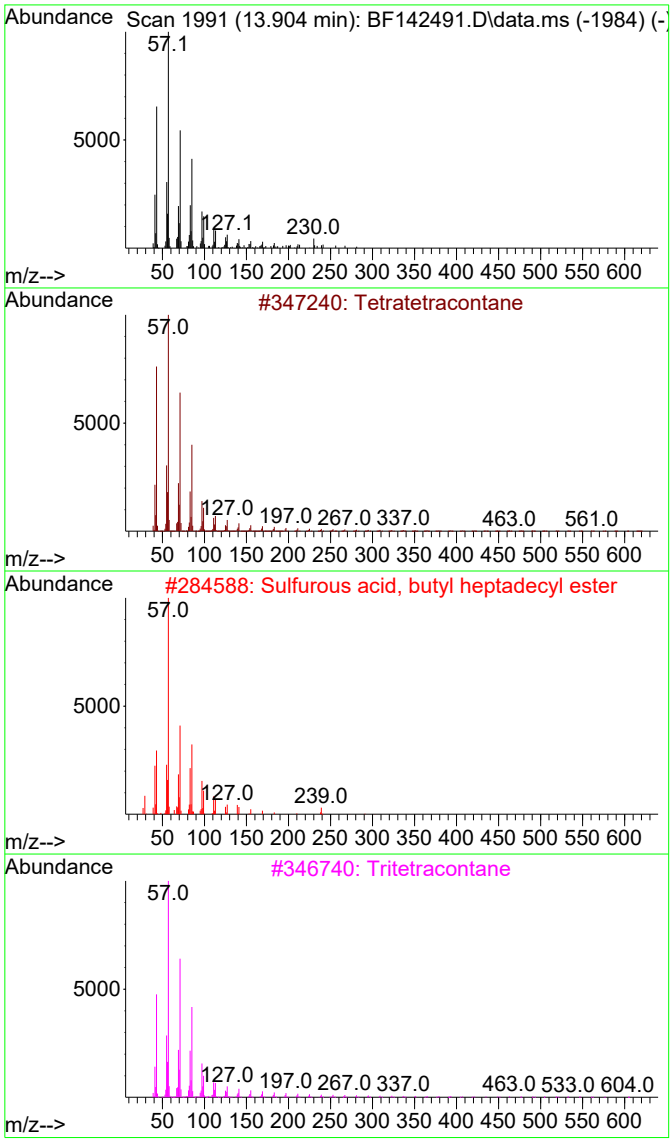
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

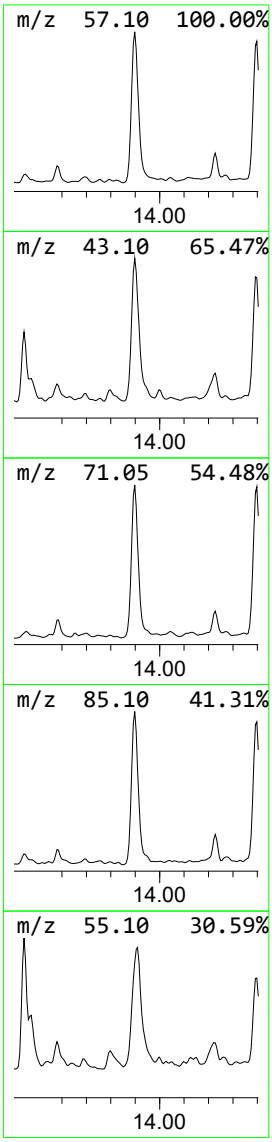
****

Peak Number 12 Tetratetracontane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	11.44 ng	301736	Chrysene-d12	14.068

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	91
2	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	91
3	Tritetracontane	605	C43H88	007098-21-7	91
4	Sulfurous acid, butyl hexadecyl ...	362	C20H42O3S	1000309-18-3	91
5	Hexacosane	366	C26H54	000630-01-3	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142491.D
Acq On : 21 May 2025 17:10
Operator : RC/JU
Sample : Q2080-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-HRH-COMP-01

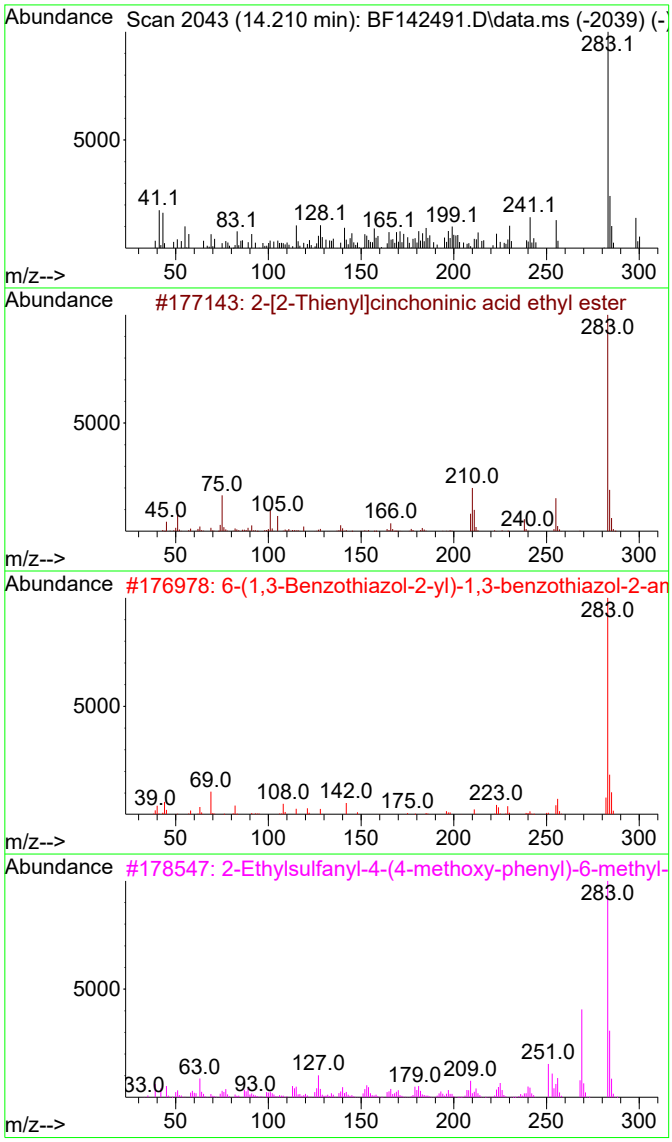
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

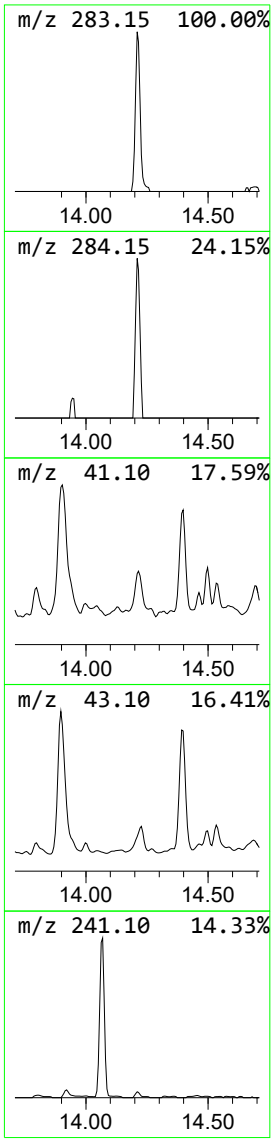
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 2-[2-Thienyl]cinchoninic ac... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.210	3.19 ng	84096	Chrysene-d12	14.068

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[2-Thienyl]cinchoninic acid et...	283	C16H13NO2S	071224-35-6	64
2	6-(1,3-Benzothiazol-2-yl)-1,3-be...	283	C14H9N3S2	1000387-35-5	58
3	2-Ethylsulfanyl-4-(4-methoxy-phe...	284	C16H16N2OS	1000300-07-3	50
4	1-Chloromethyl-1-dodecyloxy-1-si...	332	C18H37ClOSi	1000279-33-9	50
5	2-Methyl-3,7-diphenylindole	283	C21H17N	001863-20-3	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142491.D
Acq On : 21 May 2025 17:10
Operator : RC/JU
Sample : Q2080-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-HRH-COMP-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

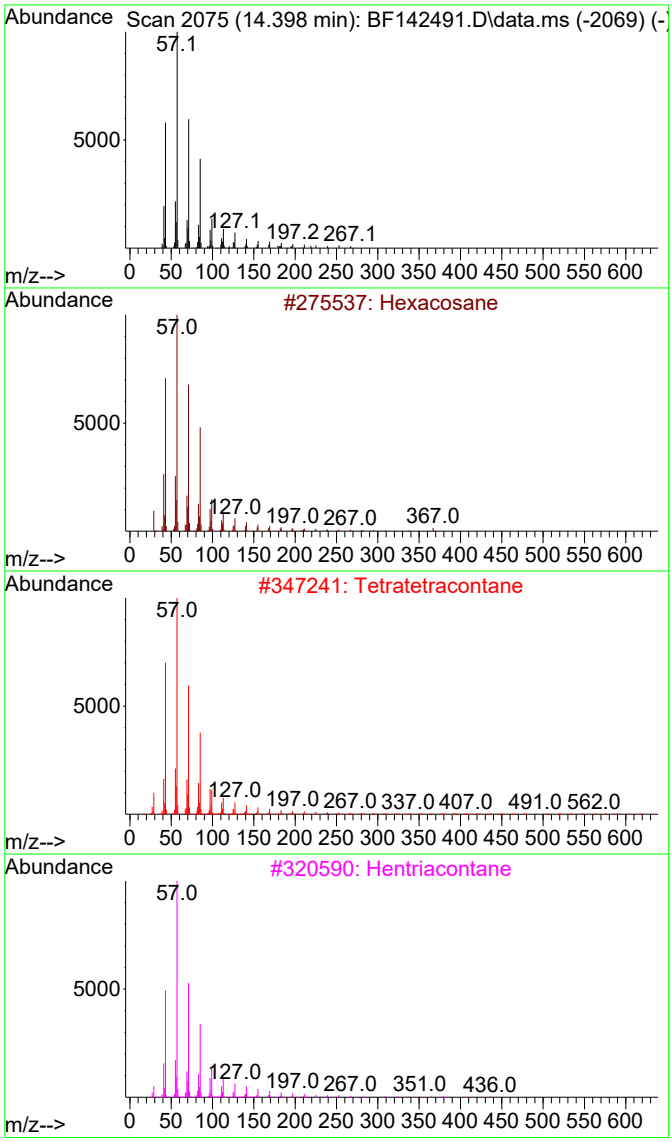
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

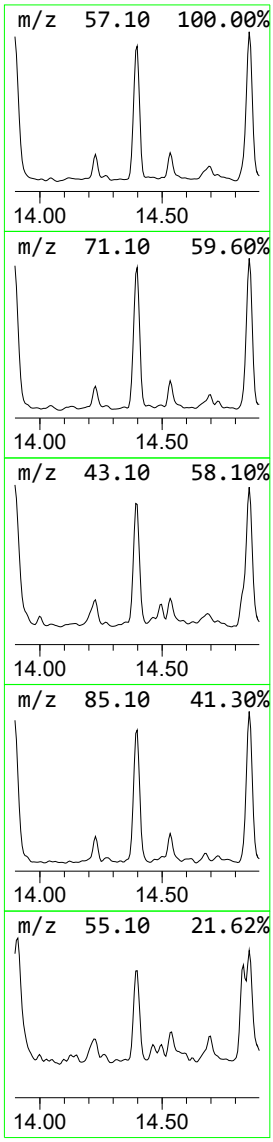
****

Peak Number 14 Hexacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.398	5.44 ng	143434	Chrysene-d12	14.068

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	Hentriacontane	437	C31H64	000630-04-6	91
4	Pentacosane	352	C25H52	000629-99-2	91
5	Heptacosane	380	C27H56	000593-49-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142491.D
Acq On : 21 May 2025 17:10
Operator : RC/JU
Sample : Q2080-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-HRH-COMP-01

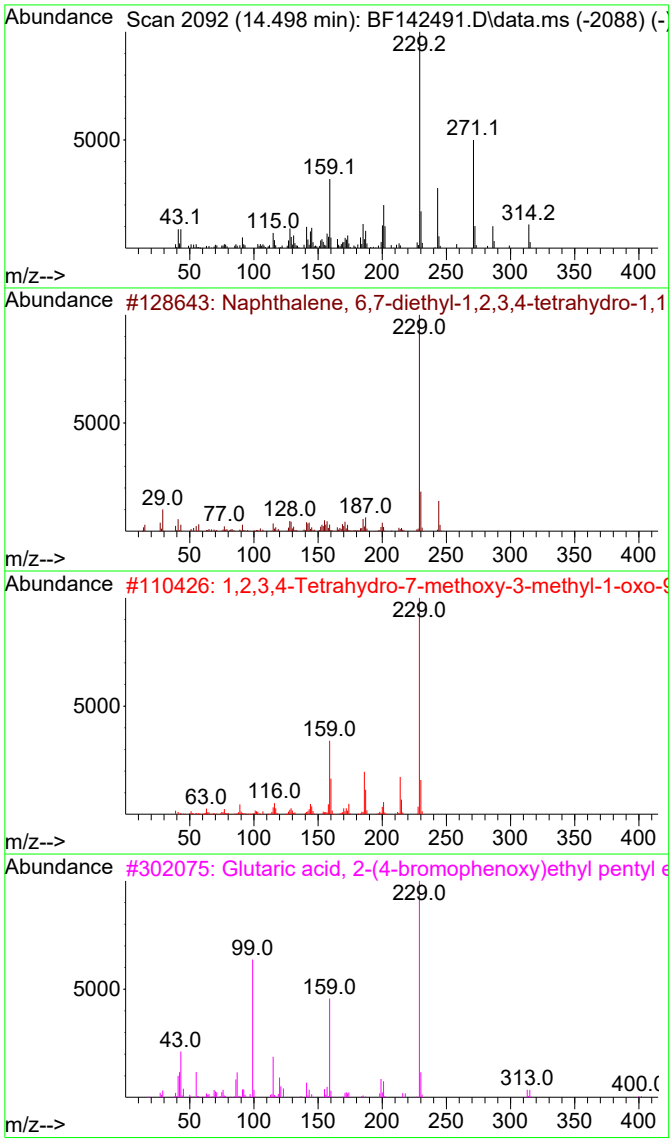
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

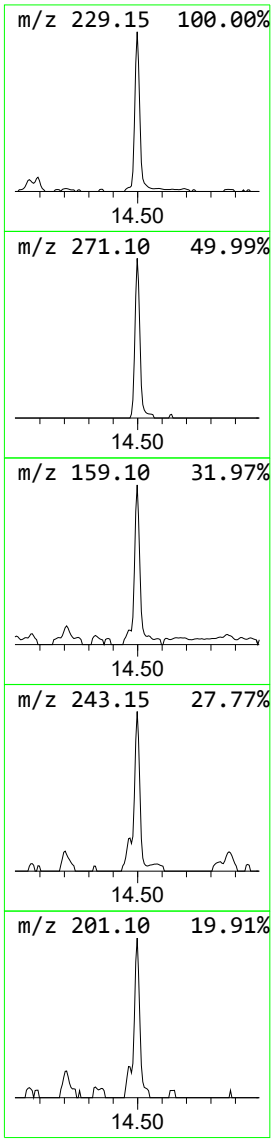
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphthalene, 6,7-diethyl-1,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.498	5.26 ng	138691	Chrysene-d12	14.068

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 6,7-diethyl-1,2,3,4...	244	C18H28	055741-10-1	56
2	1,2,3,4-Tetrahydro-7-methoxy-3-m...	229	C14H15NO2	032550-51-9	45
3	Glutaric acid, 2-(4-bromophenoxy...	400	C18H25BrO5	1000371-40-8	38
4	6-Isopropyl-9-methyl-1,4-dioxa-s...	314	C16H26O6	114026-68-5	38
5	Glutaric acid, 2,2,3,3-tetrafluo...	367	C14H13F4NO6	1000392-30-6	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142491.D
Acq On : 21 May 2025 17:10
Operator : RC/JU
Sample : Q2080-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-HRH-COMP-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

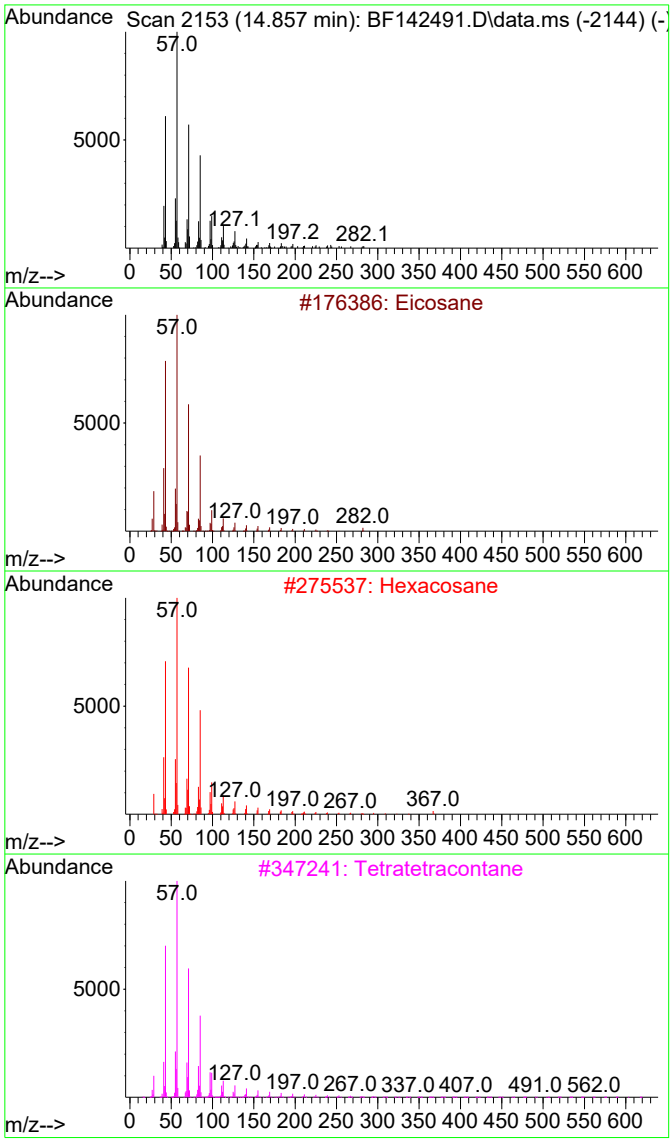
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

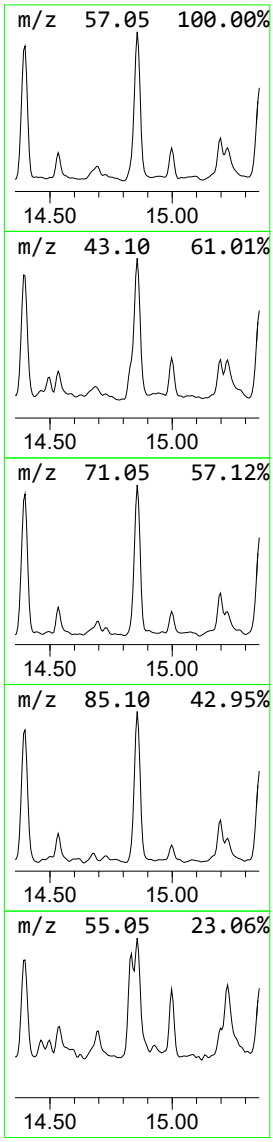
****

Peak Number 16 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.857	8.55 ng	260078	Perylene-d12	15.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Hexacosane	366	C26H54	000630-01-3	94
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
5	Heneicosane	296	C21H44	000629-94-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142491.D
Acq On : 21 May 2025 17:10
Operator : RC/JU
Sample : Q2080-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-HRH-COMP-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

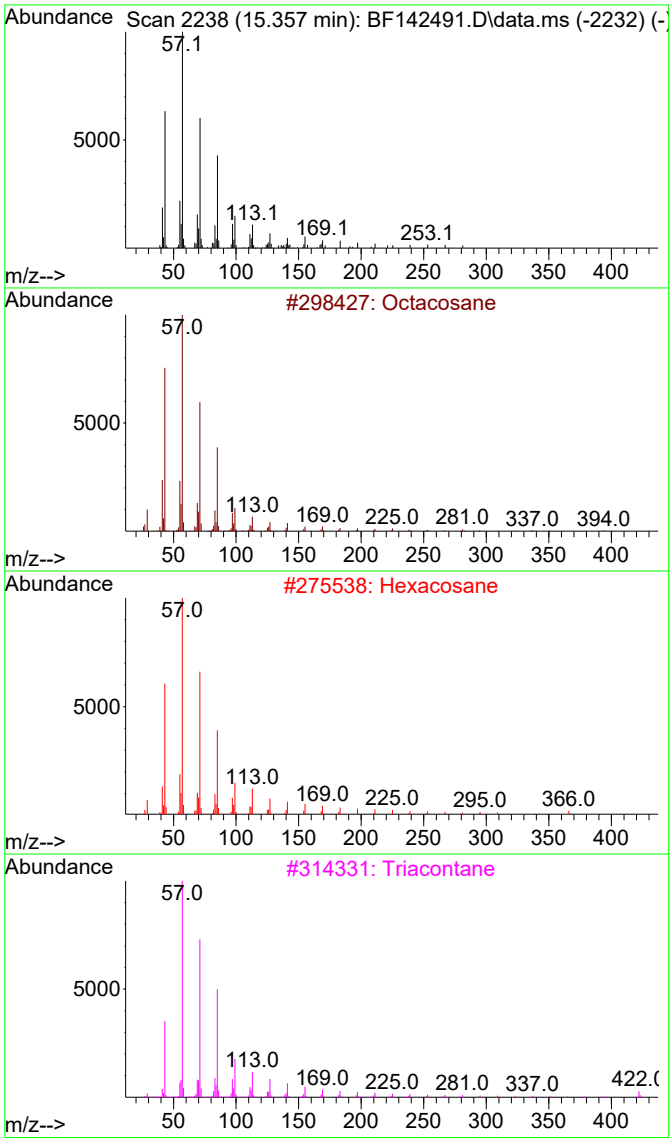
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

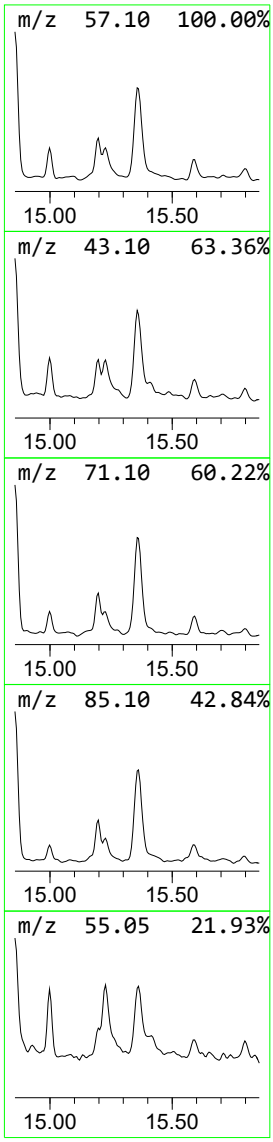
****

Peak Number 17 Octacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.357	4.54 ng	138127	Perylene-d12	15.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Triacontane	422	C30H62	000638-68-6	91
4	Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	91
5	Hentriacontane	437	C31H64	000630-04-6	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142491.D
Acq On : 21 May 2025 17:10
Operator : RC/JU
Sample : Q2080-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-HRH-COMP-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

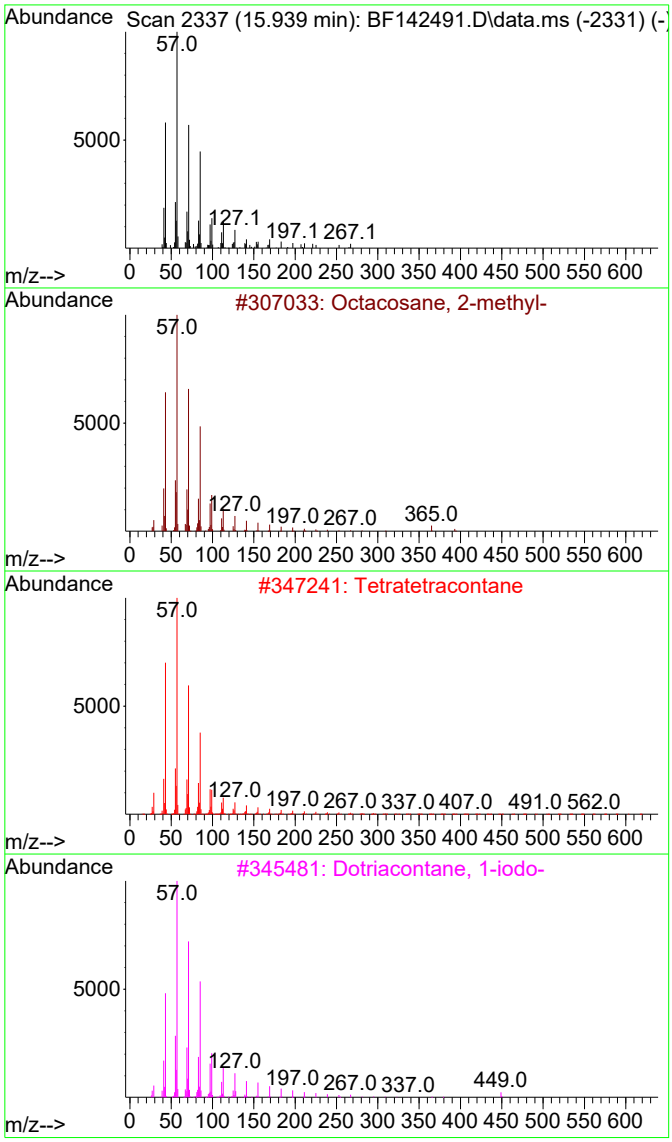
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

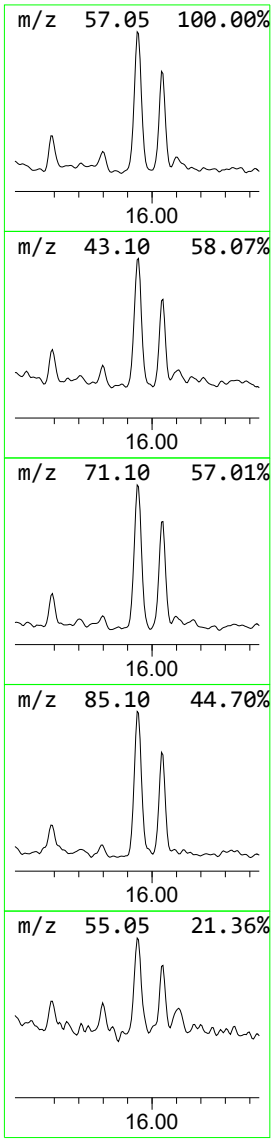
****

Peak Number 18 Octacosane, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.939	3.84 ng	116853	Perylene-d12	15.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Hentriacontane	437	C31H64	000630-04-6	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142491.D
Acq On : 21 May 2025 17:10
Operator : RC/JU
Sample : Q2080-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-HRH-COMP-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

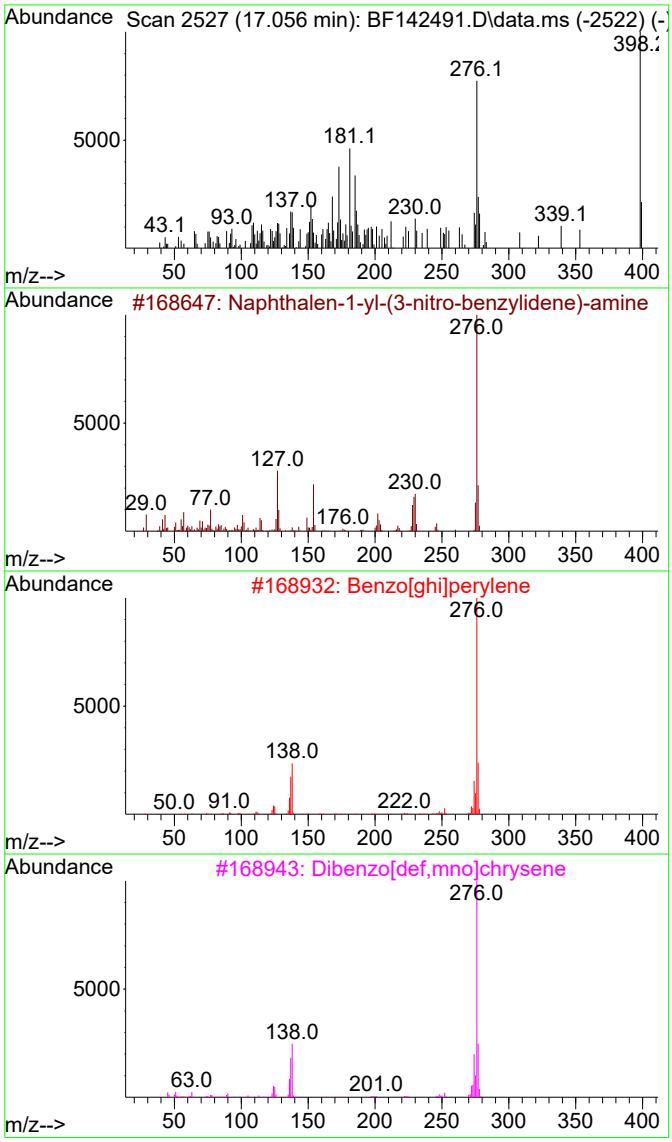
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

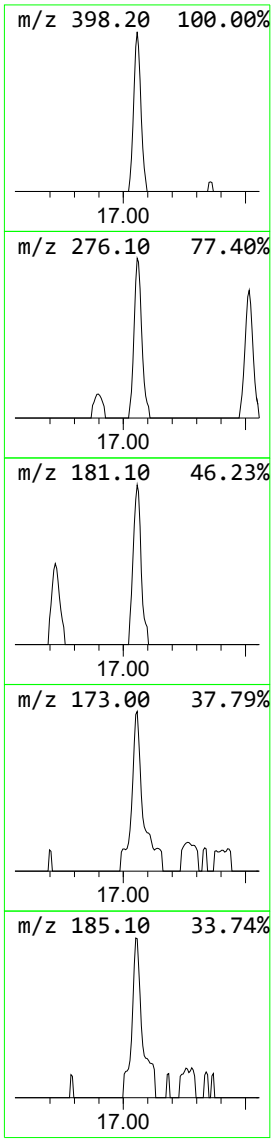
****

Peak Number 19 unknown17.056 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.056	3.52 ng	106918	Perylene-d12	15.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalen-1-yl-(3-nitro-benzyli...	276	C17H12N2O2	200421-53-0	38
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	30
3	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	30
4	1H-Indol-6-ylamine, 2TMS derivative	276	C14H24N2Si2	1000484-86-0	30
5	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142491.D
Acq On : 21 May 2025 17:10
Operator : RC/JU
Sample : Q2080-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-HRH-COMP-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

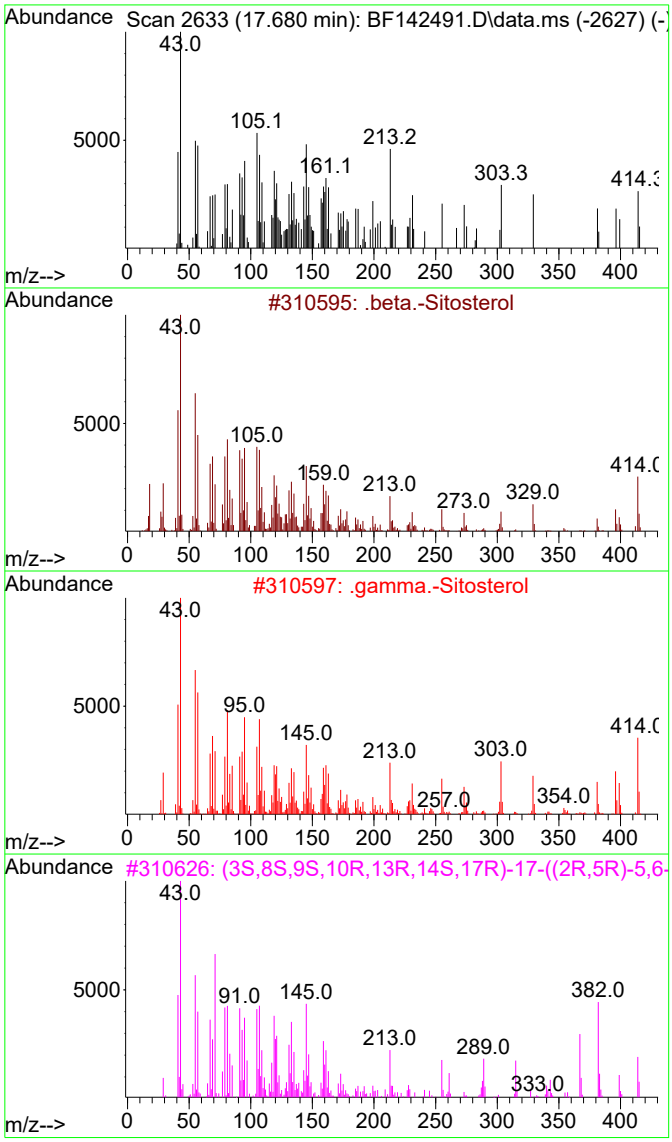
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

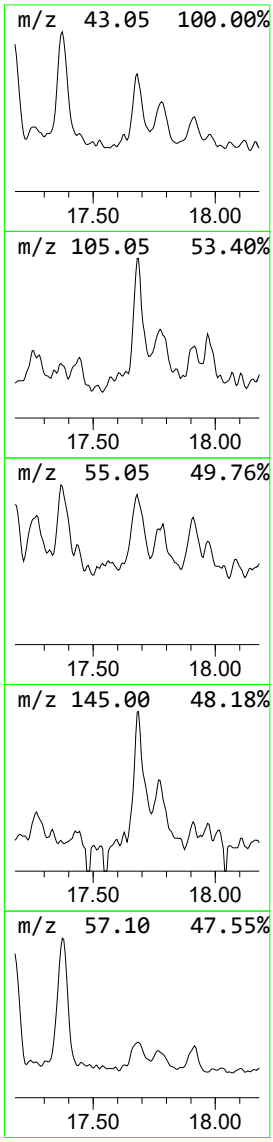
****

Peak Number 20 .beta.-Sitosterol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.680	3.73 ng	113492	Perylene-d12	15.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	95
2	.gamma.-Sitosterol	414	C29H50O	000083-47-6	94
3	(3S,8S,9S,10R,13R,14S,17R)-17-((...	414	C29H50O	029365-29-5	50
4	Stigmasta-3,5-diene	396	C29H48	004970-37-0	43
5	Clionasterol acetate	456	C31H52O2	004651-54-1	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142491.D
Acq On : 21 May 2025 17:10
Operator : RC/JU
Sample : Q2080-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-HRH-COMP-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.110	6.0	ng	163783	1	6.898	544147	20.0
Longifolene	9.575	10.4	ng	395666	3	9.939	763162	20.0
(3R,3aS,6S,7R)-...	10.610	7.3	ng	276516	3	9.939	763162	20.0
Benzophenone	10.651	3.5	ng	134667	3	9.939	763162	20.0
n-Hexadecanoic ...	11.945	24.1	ng	714483	4	11.422	593418	20.0
Octadecane	12.569	3.1	ng	92092	4	11.422	593418	20.0
Octadecanoic acid	12.733	20.2	ng	599048	4	11.422	593418	20.0
Hentriacontane	13.304	7.6	ng	199759	5	14.068	527551	20.0
2-Phenanthrenol...	13.445	17.9	ng	471531	5	14.068	527551	20.0
unknown13.474	13.474	7.7	ng	202723	5	14.068	527551	20.0
((1R,4aR,4bR,10...	13.798	3.5	ng	91711	5	14.068	527551	20.0
Tetratetracontane	13.904	11.4	ng	301736	5	14.068	527551	20.0
2-[2-Thienyl]ci...	14.210	3.2	ng	84096	5	14.068	527551	20.0
Hexacosane	14.398	5.4	ng	143434	5	14.068	527551	20.0
Naphthalene, 6,...	14.498	5.3	ng	138691	5	14.068	527551	20.0
Eicosane	14.857	8.6	ng	260078	6	15.562	608112	20.0
Octacosane	15.357	4.5	ng	138127	6	15.562	608112	20.0
Octacosane, 2-m...	15.939	3.8	ng	116853	6	15.562	608112	20.0
unknown17.056	17.056	3.5	ng	106918	6	15.562	608112	20.0
.beta.-Sitosterol	17.680	3.7	ng	113492	6	15.562	608112	20.0